

WHAT IS CLAIMED IS:

1. A keyboard switch comprising a key top, a base  
plate installed on the side facing the key top, an  
5 insulation film sheet mounted thereon, an elastic member  
for applying elasticity to the key top at a predetermined  
height from the base plate, a plurality of link members  
for supporting the key top to be freely lifted or lowered  
to/from the base plate, and a contact point portion  
10 opened or closed by the lifting or lowering operation of  
the key top,

wherein each of the plurality of link members has  
one end portion and the other end portion facing each  
other, the plurality of link members being installed so  
15 as not to cross each other with their one end portions  
slidably supported by slide supporting portions formed on  
the key top and their other end portions rotatably  
supported by rotating supporting portions formed on the  
base plate.

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2. The keyboard switch according to Claim 1, wherein  
each of the plurality of link members has one side  
portion and the other side portion in orthogonal  
direction to the one end portion and the other end  
25 portion so that the one side portion and the other side  
portion face each other, first shaft portions protrude to  
the outside from the one side portion and the other side  
portion of the one end portion, second shaft portions

protrude in the same directions as the first shaft portions from the one side portion and the other side portion of the other end portion, the first shaft portions are slidably supported by the slide supporting 5 portions of the key top, and the second shaft portions are rotatably supported by the rotating supporting portions of the base plate.

3. The keyboard switch according to Claim 2, wherein 10 the plurality of link members comprises first, second and third link members, the first and second link members are installed to face each other with the elastic member between them, and the third link member is positioned outside the first and second shaft portions with the 15 first and second shaft portions installed in orthogonal direction to the protrusion directions of the first and second shaft portions of the first and second link members.

20 4. The keyboard switch according to Claim 2, wherein the elastic member applies elasticity to the center portion of the key top, and the first shaft portions of the link members supported by the slide supporting portions of the key top are aligned more closely to the 25 elastic member than the second shaft portions thereof.

5. The keyboard switch according to Claim 2, wherein three sets of slide supporting portions are formed to

face each other, the first and second slide supporting portions for supporting the first shaft portions of the first and second link members are adjacent to first supporting walls formed on the key top, and when the key top reaches a predetermined lifting position, the movement of the first shaft portions of the first and second link members is restricted in the first and second slide supporting portions to prevent the key top from being lifted over the predetermined lifting position.

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6. The keyboard switch according to Claim 2, wherein the third slide supporting portions for supporting the first shaft portions of the third link member are installed on second supporting walls formed on the key top, the third link member has its other end portion more protruded to the outside than the second shaft portions, and when the key top reaches the lifting position, the other end portion contacts the base plate on which the film sheet is mounted, to prevent the key top from being lifted over the lifting position.

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7. The keyboard switch according to Claim 2, wherein front end portions of each of the first shaft portions of the link members are tapered.

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